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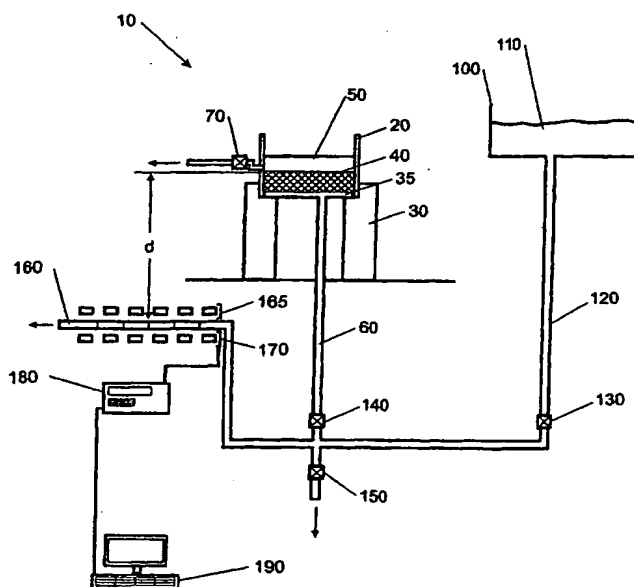
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(54) Title: **SOIL MOISTURE CONTENT MEASUREMENT SYSTEM AND METHOD**



(57) Abstract: The invention provides a soil moisture content measurement system comprising a porous plate arranged to support a soil sample; a hanging water tube extending downwardly from the porous plate, the tube arranged to convey liquid toward and away from the porous plate; a measuring capillary tube in connection with the hanging water tube, the measuring capillary tube arranged to convey liquid toward and away from the hanging water tube; measurement apparatus configured to measure the movement of liquid within the measuring capillary tube; and a data memory configured to receive and store data from the measurement apparatus representing liquid movement measurements within the measuring capillary tube. The invention also provides a related method of measuring soil moisture content.

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